## OPE 422

| IN THE                                    | Application No.      | 10/019,661      |
|---|----------------------|-----------------|
| UNITED STATES PATENT AND TRADEMARK OFFICE | Filing Date          | April 29, 2002  |
|   | First Named Inventor | Lian-Hui ZHANG  |
| ·   | Group Art Unit .     | 1638            |
|   | Examiner Name        | Anne R. Kubelik |
|   | Confirmation No.     | 5708            |
|   | Attny. Dkt. No.      | 2977-127        |

Title of the Invention: NUCLEIC ACID MOLECULES ENDOCING BACTERIAL AUTOINDUCER INACTIVATION PROTEINS AS TARGETS FOR ENGINEERING DISEASE RESISTANCE

## **AMENDMENT**

Commissioner of Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

Dear Sir:

In response to the Office Action mailed February 16, 2006, please enter the amendments and remarks contained on the following pages, which are summarized below. Applicants request a one-month extension of time, which extends the original due date of May 16, 2006 to June 16, 2006.

Amendments to the Claims are reflected in the listing of claims which begin on page 2 of this paper.

Remarks/Arguments begin on page 5 of this paper. 06/19/2086 JADDO1 080000074 022135 10019661

|  |                    |                        | TEW 1638        |  |
|--|--------------------|------------------------|-----------------|--|
| FEE TRANSMITTAL for FY 2006 (Large Entity)  Applicant claims small entity status |                    | Complete if Known      |                 |  |
|  |                    | Application Number     | 10/019,661      |  |
|  |                    | Filing Date            | April 29, 2002  |  |
|  |                    | First Named Inventor   | Lian-Hui ZHANG  |  |
|  |                    | Examiner Name          | Anne R. Kubelik |  |
|  |                    | Group Art Unit         | 1638            |  |
|  |                    | Attorney Docket Number | 2977-127        |  |
| Total Amount of Payment  | <b>(\$)</b> 120.00 | Confirmation Number    | 5708            |  |

| MET   | HOD (   | OF PAYMENT (check or  | ne)               | FEE C        | ALCUI         | LATION (continued)   |          |
|---|---------|---|-------------------|--------------|---------------|--|----------|
| 1. X  |         | The Commissioner is hereby authorized to charge the fees indicated below or credit overpayment to |                   | 4. AD<br>Fee | DITION<br>Fee | IAL FEES   |          |
|   |         |   |                   | Code         | Paid          | Fee Description  | Fee Paid |
|   |         | posit Account Number 02-213   | os in the name of | 1051         | 130           | Surcharge - late filing fee or oath  | reeraiu  |
| Rothwell, Figg, Ernst & Manbeck               |         |   |                   | 1051         | 50            | Surcharge - late mining fee of batti   | į į      |
| X   | _ Cha   | arge any additional fee require   | d under 37 CFR    | 1032         | 30            | or cover sheet   | L        |
| 1.16 and 1.17 to Deposit Account No. 02-2135. |         | it No. 02-2135.   | 1053              | 130          |               |  |          |
| 2.  | ] Pav   | ment by check enclosed  |                   | 1812         | 2,520         | Non-English specification  | l J      |
|   | رد . ر  | mont by chook cholocod  |                   | 1804         | 920           | For filing a request for reexamination<br>Requesting publication of SIR        | l j      |
| EEE   | CALC    | ULATION   |                   | 1004         | 920           | prior to Examiner action   | l j      |
|   | CALC    | CLATION   |                   | 1805         | 1,840         | •  | , 1      |
| 1 FI  | LING    | SEARCH AND EXAMIN   | IATION FEES       | 1005         | 1,040         | Requesting publication of SIR  | l 1      |
|   | LIIVO,  | OLANOIT AND EXAMIN  | ATTONTELS         |              |               | after Examiner action (reduced by basic  |          |
| Code  | Fee     | Fee Description   | Fee Paid          | 1251         | 120           | filing fee paid)   | [420 00] |
| 1001  | 300     | Utility Filing Fee  | 1                 | 1251         | 450           | Extension for reply within first month Extension for reply within second month | [120.00] |
| 1111  | 500     | Utility Search Fee  | i i               | 1252         | 1,020         | , ,  | l j      |
| 1311  | 200     | Utility Examination Fee   | ii                | 1253         | 1,590         | Extension for reply within third month   | ļ        |
| 1002  | 200     | Design Filing Fee   | i i               | 1254         | 2,160         | Extension for reply within fourth month  | l j      |
| 1112  | 100     | Design Search Fee   | ii                | 1401         | 500           | Extension for reply within fifth month   | ļ        |
| 1312  | 130     | Design Examination Fee  | i i               | 1401         | 500           | Notice of Appeal   | ļ        |
| 1003  | 200     | Plant Filing Fee  | i i               |              |               | Filing a brief in support of an appeal   | ļļ       |
| 1113  | 300     | Plant Search Fee  | i i               | 1403         | 1,000         | Request for Oral Hearing   | į į      |
| 1313  | 160     | Plant Examination Fee   | i i               | 1451         | 1,510         | Petition to institute a public use proceeding                                  | į į      |
| 1004  | 300     | Reissue Filing Fee  | ii                | 1452         | 500           | Petition to revive -unavoidable  | ļļ       |
| 1114  | 500     | Reissue Search Filing Fee   | i i               | 1453         | 1,500         | Petition to revive - unintentional   | ļ        |
| 1314  | 600     | Reissue Examination Fee   | i i               | 1807         | 50            | Processing fee under 37 CFR 1.17(q)  | į        |
| 1005  | 200     | Provisional Filing Fee  | i                 | 1806         | 180           | Submission of Information Disclosure Statement                                 | !!!      |
|   |         | •   |                   | 1809         | 790           | Filing a submission after final rejection (37 CFR .129(a))                     | [ ]      |
|   |         | SUBTOTAL  | \$                | 1810         | 790           | For each additional invention to be examined (37 CFR 1.129(b))                 | [ ]      |
| 2 C   | LAIMS   | \$  |                   | 1801         | 790           | Request for Continued Examination (RCE)  | r 1      |
| 0   | vic     | Extra   |                   | 1802         | 900           | Request for expedited examination  | [ ]      |
|   |         | Claims  | Fee Fee Paid      | 1002         | 300           | of a design application  | f 1      |
| Total (                                       | Claims  | [ ] - 20* = [ ] x   |                   | 1504         | 300           | Publication fee for early, voluntary, or                                       | r 1      |
| Indepe  | endent  |   | •                 |              |               | normal publication   | į į      |
| Claims  |         | $[ ] - 3^* = [1] x$   | 200 = [ ]         | 1505         | 300           | Publication fee for republication  | [ ]      |
|   |         | ndent Claims +  | 360 = [ ]         | 1455         | 200           | Filing application for patent term adjustment                                  |          |
| or nu   | mber pr | eviously paid, if greater   |                   | 1456         | 400           | Request for reinstatement of term reduced                                      | [ ]      |
|   |         |   |                   | 1814         | 130           | Statutory Disclaimer   | [ ]      |
|   |         | SUBTOTAL  | \$                | Other fe     | e (specif     | y)   | [ ]      |

## 3. APPLICATION SIZE FEE

Total Sheets [ ] - 100 = [ ]/50 = [ ]\*\*  $\times$  \$250 = \*\* Number of each additional 50 or fraction thereof

SUBTOTAL \$120.00

## SUBTOTAL \$

| SUBMITTED BY         |                                    | Complete (if applicable)        |
|----------------------|------------------------------------|---------------------------------|
| NAME AND REG. NUMBER | Leigh Z. Callender Reg. No. 55,035 |                                 |
| SIGNATURE            | DATE June 16, 2006                 | DEPOSIT ACCT 02-2135<br>USER ID |